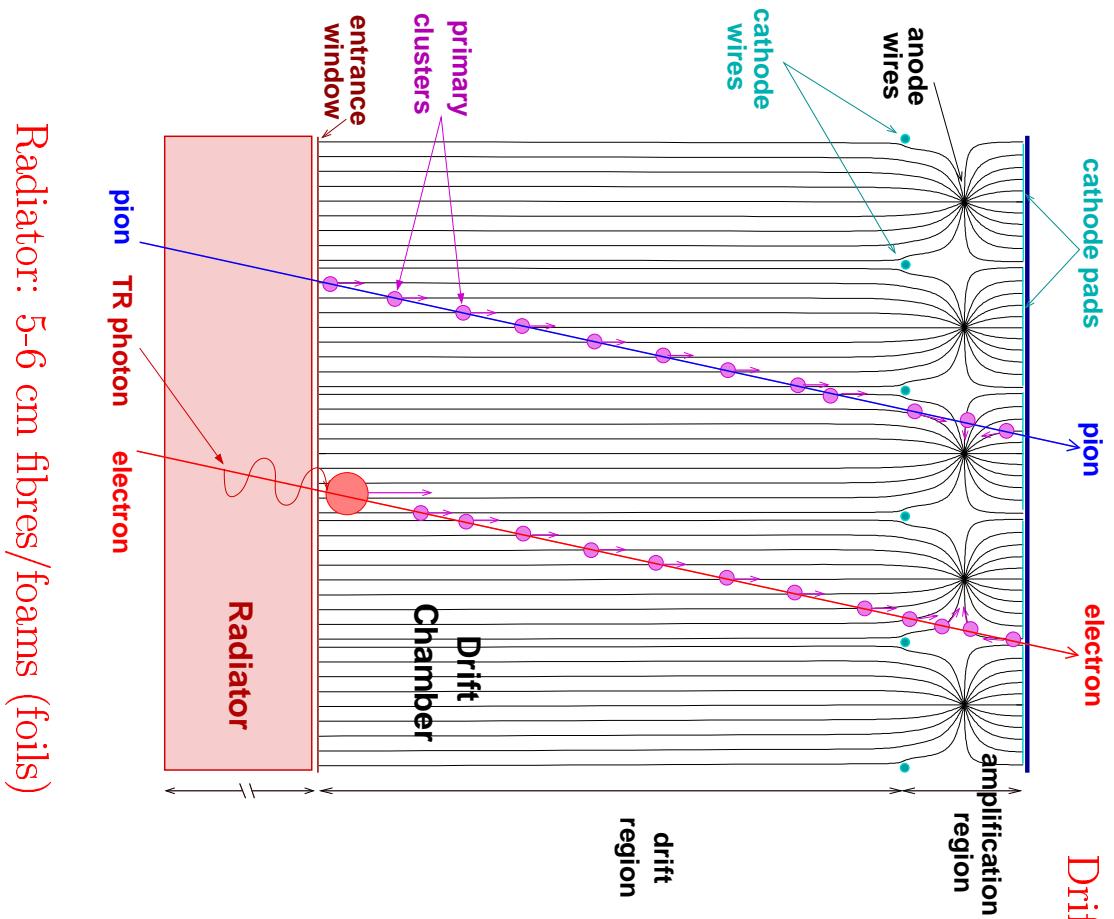


TRD – The principle

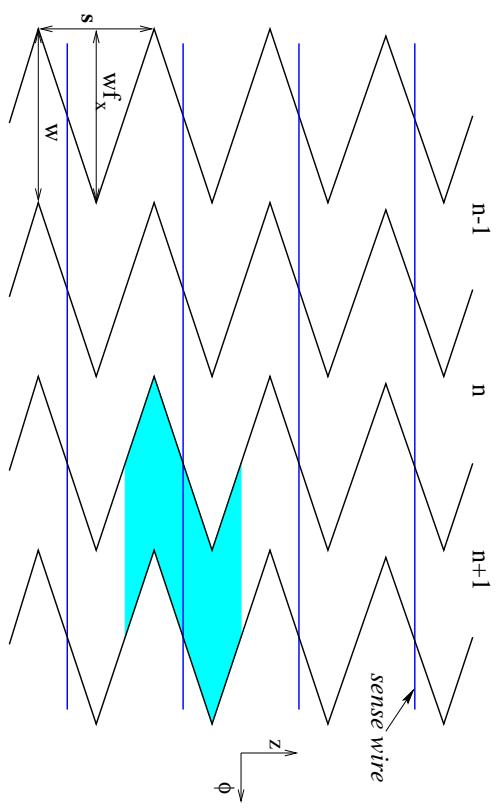


Drift Chamber: 3 cm (drift) + 0.6 cm (amplification)

Field lines: GARFIELD, $U_d=-4.0$, $U_a=1.6$ kV

Readout cathode pads:

$w=1$ cm, $s=0.5$ cm, pad size: 4.5 cm^2



Radiator: 5-6 cm fibres/foams (foils)